ADDITIONAL FLOUNDER DATA ON SEPARATE SHEET

2242

# R/V DAN MOORE STATION LOG

| VESSEL (1) | STATION (2-5) | CRUISE NO. (6-8) | MO. (9-14) | DAY | YEAR | GRID (15-17) | LATITUDE (18-21) | LONGITUDE (22-25) |
|---|---|---|---|---|---|---|---|---|
| M | 2422 | 032 | 03 | 13 | 74 | 26AC | 3623 | 7549 |

| DEPTH (26-29) | SUR. TEMP. (30-31) | BTM TEMP. (32-33) | AIR TEMP (34-35) | BAROMETER (36-38) | BT (39) | WIND DIR. (40-41) | WIND SPD. (42-43) |
|---|---|---|---|---|---|---|---|
| 0004 | 09 | — | 06 | 010 | N | NW | 15 |

| S.C. (44) | WEA. (45-46) | BTM TYPE (47-48) | BTM REG (49) | GEAR TYPE (50-51) | GEAR SIZE (52-54) | OP (55) | TM. START (56-57) | MIN. FISHED (58-60) |
|---|---|---|---|---|---|---|---|---|
| 3 | Cl | SA | S | FT | 181 | — | 15 | 030 |

| RIG (61-62) | TOTAL FINFISH (63-67) | TOTAL CRUSTACEANS (68-71) | TOTAL SHELLFISH (72-75) | TOTAL OTHER (76-80) |
|---|---|---|---|---|
| 01 | 00050 | 0005 | — | — |

| RIG (61-62) | TOTAL FINFISH (63-67) | TOTAL CRUSTACEANS (68-71) | TOTAL SHELLFISH (72-75) | TOTAL OTHER (76-80) |
|---|---|---|---|---|
| — | — | — | — | — |

| POSITION | LATITUDE | LONGITUDE | LORAN | | DEPTH fms | C/C | TIME ON STATION | |
|---|---|---|---|---|---|---|---|---|
| | | | 3H4 | 3H5 | | | PO | DO |
| START | 36°23′ | 75°49′ | 1713 | 3040 | 4 | | 1641 | 1642 |
| | | | | | | | PU | ON |
| FINISH | 36°21′ | 75°49′ | 1691 | 3036 | 6 | | 1712 | 1714 |

| LENGTH WARF | SHIFT RPM | PITCH | GEAR DATA: |
|---|---|---|---|
| 50 | 1300/5 | 50 | |

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

Recorded on New Simrad

OBSERVATIONS

Few Juv. & yearling River herring

P. dentatus - Few

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https://archive.org/details/danmoore242200unse

R/V DAN MOORE SPECIES LIST

STATION NUMBER 2422 DATE 13 MARCH 1974 Biologists ~~IDENTIFIED BY~~ BFH ABP

TOTAL CATCH WT. 50± SUBSAMPLE WT. _____ NO. BASKETS _____

Air 6°C Surf. 9°C FF: 50 C: 5 M: - 0 -

| SPECIES | NUMBER | WEIGHT | DATA TAKEN * |
|---|---|---|---|
| Alosids | Few | 3 | Kept |
| P. dentatus | Few | | Kept |
| Shurgeon | Negative | | |
| Rock | Negative | | |
| | | | |
| Anchoa (bait) | Common | 5 | Gilled |
| Squalus acanthias | 2 | 15 | |
| Ling | 1 | 5 | |
| Cynoscion regalis | 3 | 5 | |
| Leiostomus xanthurus | 20 | 3 | |
| | | | |
| Cancer irroratus | Few | 5 | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

*Include type of data taken, i.e length, weight, scales, gonads, saved for identification, etc.

Species: P. decTHUS

| Specimen Number | T.L. | Sex | Otoliths | Gonads | Fecundity | Back-calc. | Age | Gonad Stage | Station Number | Remarks WT-g. | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| III-49 | 176 | ♀ | ✓ | — | | | | I | 2419-2420 | 55 | Area I |
| III-50 | 194 | ♂ | ✓ | — | | | | — | " | 75 | March 1924 |
| III-51 | 212 | ♀ | ✓ | — | | | | I | " | 90 | |
| III-52 | 208 | ♂ | ✓ | — | | | | — | " | 95 | |
| III-53 | 205 | ♂ | ✓ | — | | | | — | " | 90 | |
| III-54 | 160 | ♂ | ✓ | — | | | | — | " | 40 | |
| III-55 | 190 | ♂ | ✓ | — | | | | — | " | 70 | |
| III-56 | 169 | ♂ | ✓ | — | | | | — | " | 50 | |
| III-57 | 165 | ♀ | ✓ | — | | | | I | " | 45 | |
| III-58 | 210 | ♀ | — | — | | | | I | " | 90 | |
| III-59 | 216 | ♀ | ✓ | — | | | | I | " | 105 | |
| III-60 | 168 | ♂ | ✓ | — | | | | — | " | 50 | |
| III-61 | 163 | ♂ | ✓ | — | | | | — | " | 40 | |
| III-62 | 205 | ♀ | ✓ | — | | | | I | " | 90 | |
| III-63 | 203 | ♀ | ✓ | — | | | | I | " | 80 | |
| III-64 | 194 | ♀ | ✓ | — | | | | I | " | 85 | |
| III-65 | 178 | ♀ | ✓ | — | | | | I | " | 60 | |
| III-66 | 212 x | ♂ | ✓ | — | | | | — | " | 110 | |
| III-67 | 195 | ♂ | ✓ | — | | | | — | " | 70 | |
| III-68 | 164 | ♂ | — | — | | | | — | " | 45 | |
| III-69 | 171 | ♀ | ✓ | — | | | | I | " | 55 | |
| III-70 | 190 | ♂ | ✓ | — | | | | — | " | 65 | |
| III-71 | 208 | ♀ | ✓ | — | | | | I | " | 105 | |
| III-72 | 220 | ♀ | ✓ | — | | | | I | " | 125 | |
| III-73 | 207 | ♀ | ✓ | — | | | | I | " | 90 | |
| III-74 | 155 | ♂ | ✓ | — | | | | — | " | 40 | |
| III-75 | 178 | ♂ | ✓ | — | | | | — | " | 55 | |
| III-76 | 430 | ♀ | ✓ | ✓ | | | | VIII | " | 880 | 4.5 g |
| III-77 | 464 | ♀ | ✓ | ✓ | | | | IV | " | 1230 | 9.1 g |
| III-78 | 429 | ♀ | ✓ | ✓ | | | | VII | " | 810 | 5.0 g |
| III-79 | 388 | ♀ | ✓ | ✓ | | | | I | " | 690 | 2.6 g (II?) |
| III-80 | 330 | ♀ | ✓ | ✓ | | | | I | " | 410 | 1.2 g |
| III-81 | 387 | ♀ | ✓ | ✓ | | | | II | " | 770 | 3.0 g (II)? |
| III-82 | 187 | ♂ | ✓ | — | | | | — | 2423 | 80 | Area I |
| III-83 | 208 | ♀ | — | — | | | | I | " | 100 | March 1924 |
| III-84 | 195 | ♀ | ✓ | — | | | | I | " | 100 | |
| III-85 | 333 | ♀ | ✓ | — | | | | I | " | 440 | 1.4 g |
| III-86 | 206 | ♂ | ✓ | — | | | | — | 2415-2416 | 85 | * Area I |
| III-87 | 237 | ♀ | ✓ | — | | | | I | " | 130 | March 1924 |
| III-88 | 194 | ♂ | ✓ | — | | | | — | " | 80 | |
| III-89 | 197 | ♂ | ✓ | — | | | | — | " | 80 | |
| III-90 | 511 | ♀ | ✓ | — | | | | VII | 2417 | 1465 | 12.0 Area I |
| III-91 | 234 | ♀ | ✓ | — | | | | I | " | 135 | March 1924 |
| III-92 | 184 | ♀ | ✓ | — | | | | I | " | 65 | |
| III-93 | 253 | ♀ | ✓ | — | | | | I | 2422 | 175 | Area I |
| III-94 | 383 | ♀ | ✓ | — | | | | I | " | 640 | 3.9 g (II) |
| | | | | | | | | | (cont) | | March 1924 |

Species: T. dentatus

| Specimen Number | T.L. | Sex | Otoliths | Gonads | Fecundity | Back-calc. | Age | Gonad Stage | Station Number | Remarks (wt.-g) | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| III-95 | 406 | ♀ | ✓ | ✓ | | | | VII | 2422 | 800 | 6.0g. Brian I 1974 March |

# BLUE BACK

| Sta. | Date | FL (mm) | wt (g) | Sex | Scales | Age | Spawn marks | Stage | BB No. |
|---|---|---|---|---|---|---|---|---|---|
| 2450 | 4/2/74 | 77 | | | | | | | 1015 |
| " | " | 67 | | | | | | | 1016 |
| " | " | 65 | | | | | | | 1017 |
| " | " | 72 | | | | | | | 1018 |
| " | " | 75 | | | | | | | 1019 |
| " | " | 73 | | | | | | | 1020 |
| " | " | 63 | | | | | | | 1021 |
| " | " | 83 | | | | | | | 1022 |
| " | " | 70 | | | | | | | 1023 |
| " | " | 68 | | | | | | | 1024 |
| " | " | 68 | | | | | | | 1025 |
| " | " | 74 | | | | | | | 1026 |
| " | " | 80 | | | | | | | 1027 |
| " | " | 77 | | | | | | | 1028 |
| " | " | 69 | | | | | | | 1029 |
| " | " | 68 | | | | | | | 1030 |
| " | " | 68 | | | | | | | 1031 |
| " | " | 67 | | | | | | | 1032 |
| " | " | 73 | | | | | | | 1033 |
| " | " | 72 | | | | | | | 1034 |
| " | 4/2/74 | 70 | | | | | | | 1035 |
| 2418 | 3/12/74 | 70 | | | | | | | 1036 |
| | " | 70 | | | | | | | 1037 |
| | " | 75 | | | | | | | 1038 |
| | " | 100 | | | | | | | 1039 |
| | " | 70 | | | | | | | 1040 |
| | " | 75 | | | | | | | 1041 |
| 2418 | 3/12/74 | 75 | | | | | | | 1042 |
| 2419 | 3/12/74 | 250 | 232 | ♂ | ✓ | 3A-3S=6 | 3 | - | 1043 |
| 2422 | 3/13/74 | 199 | 170 | ♂ | - | - | - | | 1044 |
| 2504 | 5/16/74 | 233 | 146 | ♂ | ✓ | 3A-2S=5 | 2 | V SPENT | 1045 |
| " | " | 220 | 120 | ♂ | ✓ | 4A-1S=5 | 1 | V SPENT | 1046 |
| " | " | 248 | 164 | ♂ | ✓ | 4A-3S=7 | 3 | V SPENT | 1047 |
| " | " | 260 | 180 | ♂ | ✓ | 3A-3S=6 | 3 | V SPENT | 1048 |
| 2500 | 5/16/74 | 245 | 130 | ♂ | ✓ | 4A-1S=5 | 1 | V SPENT | 1049 |

Length-frequency distribution

Species P. dentatus | Station 2422

Date March 13, 1974 | Locality 1

| T.L. | ♀ | T.L. |
|---|---|---|
| 100 - 109 | | 600 - |
| 110 - | | 610 - |
| 120 - | | 620 - |
| 130 - | | 630 - |
| 140 - | | 640 - |
| 150 - | | 650 - |
| 160 - | | 660 - |
| 170 - | | 670 - |
| 180 - | | 680 - |
| 190 - | | 690 - |
| 200 - | | 700 - |
| 210 - | | 710 - |
| 220 - | | 720 - |
| 230 - | | 730 - |
| 240 - | | 740 - |
| 250 - | 1 | 750 - |
| 260 - | | |
| 270 - | | |
| 280 - | | |
| 290 - | | |
| 300 - | | |
| 310 - | | ♀ - 3 |
| 320 - | | |
| 330 - | | |
| 340 - | | |
| 350 - | | |
| 360 - | | |
| 370 - | | |
| 380 - | 1 | |
| 390 - | | |
| 400 - | 1 | |
| 410 - | | |
| 420 - | | |
| 430 - | | |
| 440 - | | |
| 450 - | | |
| 460 - | | |
| 470 - | | |
| 480 - | | |
| 490 - | | |
| 500 - | | |
| 510 - | | |
| 520 - | | |
| 530 - | | |
| 540 - | | |
| 550 - | | |
| 560 - | | |
| 570 - | | |
| 580 - | | |
| 590 - | | |

Sheet ___ of ___

# ALEWIFE

| Station | Date | FL (mm) | Wt (g) | Sex | Scales | Age | Gonad Maturity | Other | Sl. No. |
|---|---|---|---|---|---|---|---|---|---|
| 2419 | 3/12/74 | 210 | 142 | ♂ | ✓ | AM=3 | D | - | 310 |
| | | 142 | 40 | ♂ ✓ | - | - | - | - | 311 |
| | | 135 | 30 | ♂ | - | - | - | - | 312 |
| | | 145 | 46 | - | - | - | - | - | 313 |
| | | 140 | 36 | - | - | - | - | - | 314 |
| | | 135 | 38 | - | - | - | - | - | 315 |
| | | 145 | 32 | - | - | - | - | - | 316 |
| | | 130 | 32 | ♀ | - | - | - | Imm | 317 |
| | | 135 | 30 | ♀ | - | - | - | Imm. | 318 |
| | | 140 | 32 | - | - | - | - | - | 319 |
| | | 135 | 30 | - | - | - | - | - | 320 |
| | | 145 | 34 | - | - | - | - | - | 321 |
| | | 135 | 34 | - | - | - | - | - | 322 |
| | | 135 | 28 | - | - | - | - | - | 323 |
| | | 150 | 50 | ♂ | - | - | - | - | 324 |
| | | 150 | 46 | ♂ | - | - | - | - | 325 |
| | | 118 | 14 | - | - | - | - | - | 326 |
| | | 110 | 13 | - | - | - | - | - | 327 |
| | | 110 | 14 | - | - | - | - | - | 328 |
| | | 125 | 24 | - | - | - | - | - | 329 |
| | | 130 | 28 | - | - | - | - | - | 330 |
| | | 130 | 30 | - | - | - | - | - | 331 |
| | | 125 | 22 | - | - | - | - | - | 332 |
| | | 120 | 24 | - | - | - | - | - | 333 |
| | | 130 | 32 | - | - | - | - | - | 334 |
| | | 110 | 16 | - | - | - | - | - | 335 |
| | | 135 | 30 | - | - | - | - | - | 336 |
| | | 110 | 14 | - | - | - | - | - | 337 |
| | | 115 | 20 | - | - | - | - | - | 338 |
| | | 115 | 20 | - | - | - | - | - | 339 |
| | | 110 | 26 | - | - | - | - | - | 340 |
| | | 112 | 20 | - | - | - | - | - | 341 |
| | | 113 | 18 | - | - | - | - | - | 342 |
| | | 112 | 18 | - | - | - | - | - | 343 |
| | | 110 | 18 | - | - | - | - | - | 344 |
| | | 110 | 18 | - | - | - | - | - | 345 |
| | | 113 | 20 | - | - | - | - | - | 346 |
| | | 115 | 18 | - | - | - | - | - | 347 |
| | | 135 | 36 | - | ✓ | unreadable | - | - | 348 |
| 2419 | 3/12/74 | 120 | 26 | ♀ | ✓ | IA = 1 | D | Imm. | 349 |
| | | 40/5150 | | | | | | | |
| 2422 | 3/13/74 | 117 | 19 | - | - | - | - | - | 350 |
| | | 127 | 28 | - | - | - | - | - | 351 |
| | | 105 | 10 | - | - | - | - | - | 352 |
| | | 102 | 10 | - | - | - | - | - | 353 |
| | | 105 | 12 | - | - | - | - | - | 354 |
| | | 105 | 12 | - | - | - | - | - | 355 |
| | | 119 | 20 | - | ✓ | OI = 1 | D | - | 356 |
| | | 105 | 12 | - | - | - | - | - | 357 |
| | | 105 | 12 | - | - | - | - | - | 358 |
| | | 120 | 22 | ♀ | - | - | - | Imm | 359 |
| | | 143 | 32 | ♀ | ✓ | IA = 2 | D | Imm | 360 |
| | | 123 | 22 | - | - | - | - | - | 361 |
| 2422 | 3/13/74 | 135 | 32 | ♂ | - | - | - | - | 362 |

# ALEWIFE

| Station | Date | FL (mm) | wt (g) | Sex | Scales | Age | Spawn. Marks | Stage | AL No. |
|---|---|---|---|---|---|---|---|---|---|
| 2422 | 3/19/74 | 137 | 34 | ♂ | – | – | – | – | 363 |
| | | 150 | 42 | ♀ | – | – | – | Imm. | 364 |
| | | 142 | 32 | ♂ | – | – | – | – | 365 |
| | | 160 | 54 | ♂ | ✓ | 2A+=3 | 0 | – | 366 |
| | | 139 | 32 | – | – | – | – | – | 367 |
| 2422 | 3/19/74 | 143 | 32 | – | – | – | – | – | 368 |
| | 19 | 2382 | | | | | | | |
| 2499 | 5/16/74 | 230 | 140 | ♂ | ✓ | 5A+=6 | 0 | SpentII | 369 |
| 11 | | 223 | 142 | ♂ | ✓ | 4A+=5 | 0 | SpentII | 370 |

2422